ELECTRIC FLAT PANEL FIREPLACE HEATER

OWNERS MANUAL

Model Numbers: KVWALL-24B; WS-G-03-2 MINI

Only use this heater as described in this manual. Any other use is **not** recommended by the manufacturer, and may cause **fire**, **electric shock**, or other **personal injury**.

WARNING! Read and understand this entire owner's manual, including **all safety information**, before **plugging in** or **using** this product. Failure to do so could result in **fire, electric shock, serious personal injury, or death.**

WARNING! INDOOR use only! NEVER use this heater **outdoors!**

SAVE THESE INSTRUCTIONS!

CAUTION! Keep this owner's manual for future reference. If you sell or give this product away, make sure this manual accompanies this product.

IMPORTANT SAFETY INFORMATION!

WARNING

- **ALWAYS** keep **electric cords**, **home furnishings**, **drapes**, **clothing**, **papers**, or **other combustibles** at least **3 feet (0.9m) away from the front of this heater**, and away from the bottom, sides, and rear of this heater.
- **DO NOT** place the heater near a **bed** because objects such as **pillows or blankets** can fall off the bed and be **ignited** by the heater.
- **DO NOT COVER** this heater or **block** the air vents at all. Doing so could cause a **fire**.
- **AVOID fire or electric shock! NEVER** insert or allow any foreign objects to enter the ventilation or exhaust openings of this heater.
- **Prevent Fire!** Keep all **flammable liquids**, like gasoline or paint, away from this heater. This heater produces **arcing sparks** that **could ignite** flammable liquids.
- **DO NOT cover** this heater in any manner. Doing so could block the air flow and cause the unit to **overheat**, or could **ignite** the material covering the heater.
- **NEVER** run the **power cord** under carpet, rugs, runners, or any other covering. Doing so could cause the cord or materials covering the cord to overheat.
- **AVOID FIRE!** Regularly inspect all air vents to make sure they are free from dust, lint, or other blockage. **Unplug the unit** and clean with a **vacuum ONLY**. **DO NOT** rinse or get wet.

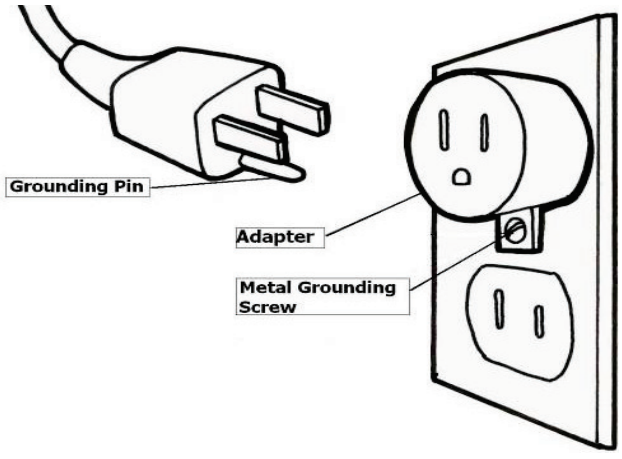
WARNING

- **For residential use only! NOT for commercial use! NEVER** use this fireplace for other than its intended purpose.
- **ALWAYS HANG UNIT BEFORE USE**. **DO NOT** turn on or use while the unit is sitting on the floor, ground, or other surface.
- The wall mount system is designed **for use ONLY with this product. NEVER** use a wall mount system from another manufacturer.
- Use **extreme caution** if using this heater **near children**, or where children may be present.
- **NEVER** leave this heater unattended. **ALWAYS** unplug this heater when not in use.
- This heater is **hot** when **in use**. **AVOID INJURY! DO NOT TOUCH hot surfaces, or attempt to move this heater while it is hot.**
- **ALWAYS** turn this heater off before unplugging it from the outlet.
- **AVOID INJURY!** Keep the cord from crossing traffic areas to avoid tripping.
- **NEVER modify this fireplace**. Doing so could result in personal injury or property damage. Modification of this fireplace **completely voids all warranties**.
- **Discontinue use** if this fireplace **malfunctions** or is **dropped or damaged in any manner**.
- **ALWAYS** store this heater in a dry location. **NEVER** use the fireplace if it has become wet.

WARNING

- **Risk of electric shock**! **DO NOT OPEN!** No user-serviceable parts inside!
- **ALWAYS disconnect** this unit from the **power** supply **before** performing any **assembly** or **cleaning**, before **replacing the light bulb**, or before **relocating** the electric fireplace.
- **NEVER** use this heater in **bathrooms, laundry rooms**, or any other location where the heater could fall into a **bathtub** or **pool**, **become damp** or **come in contact with water**.
- **NEVER** hang this unit on a wall **directly below an electrical outlet.**
- **NEVER** operate this heater if the **power cord** or **plug** has become **damaged,** or if the **grounding pin** is **damaged** or **missing.**
- Place the heater near a wall outlet so an extension cord is not needed. If an extension cord is needed, the **gauge** of the cord **must be at least 14AWG,** and the **rating must be at least 1875 Watts**. **NEVER** use a **smaller gauge** cord with a **lower rating**. Doing so may result in **fire** or **electric shock**.
- **Avoid hazards** due to resetting of the thermal cut-off switch. **NEVER** control this unit with a **timer**, or allow it to be on a **circuit regularly switched off by the utility**.
- **ONLY** use this heater on a **110~120 Volt 15 Amp grounded circuit**. **NEVER overload the circuit.** If this heater trips the circuit breaker, unplug all other appliances on the same circuit before the next use. Avoid plugging other appliances into the same circuit as this heater.
- **NEVER** plug this heater into an outlet that is **old**, **cracked**, or has any **loose wires or connections**. Plugging this heater into a faulty outlet could result in **electric arcing** within the outlet that could cause the **outlet** to **overheat or catch fire**.
- **ALWAYS** check your heater cord and plug connections with **each use**!
  - i) **MAKE SURE** the plug fits tight in the outlet! Faulty wall outlet connections or loose plugs can cause the outlet to overheat.
  - ii) **Heaters draw more current** than small appliances. **Overheating** may occur even if it has not occurred with the use of other appliances.
  - iii) During use **check frequently** to see if the **plug outlet or faceplate** is **HOT**!
  - iv) If the outlet or faceplate is **HOT**, **discontinue use immediately** and have a qualified electrician inspect and/or replace the faulty outlets.

- The cord supplied with the heater has a plug with two blades (live and neutral) and one round pin (ground). If a 3-slot receptacle is not available, an adapter **MUST** be used. The adapter **MUST** be **properly grounded** to the outlet box (see figure at right).



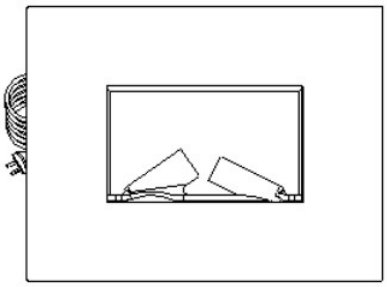
Preparation

This product includes a **GLASS panel!** Always use **extreme caution** when handling **glass.** Failure to do so could result in **personal injury** or **property damage**.

Remove all parts and hardware from the carton and place them on a clean, soft, dry surface. Parts and assembly steps are grouped for free-standing or wall-hanging use. Check the parts list to make sure nothing is missing. Dispose of packaging materials properly. Please recycle whenever possible.

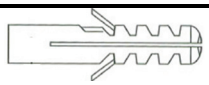
You will need the following tools (not included): Phillips screwdriver; stud finder; level; tape measure; electric drill; 1/4" wood drill bit, 1/16" wood drill bit, and a hammer.

Parts and Hardware

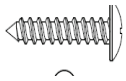


A – Fireplace (1)

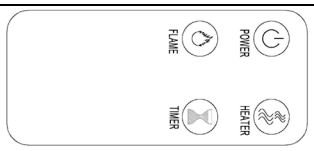
B – Wood Screws (3)



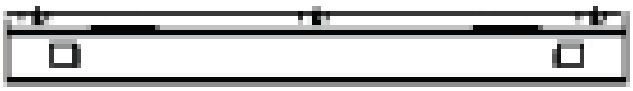
C – Drywall anchors (3)



D – M4x8 Metal Screws (2)



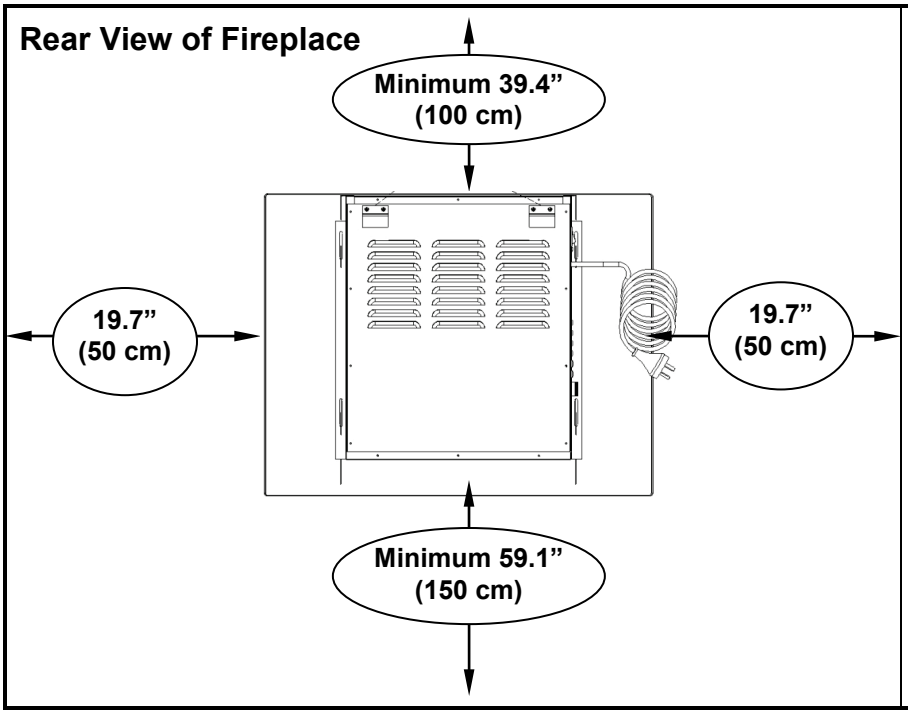
RC – Remote Control



E - Wall Bracket (1)

Installation and Assembly

Rear View of Fireplace



Step 1. Find a safe location.

Minimum clearance on each side: 19.7" (50 cm).

Minimum clearance below: 59.1" (150 cm).

Minimum clearance above: 39.4" (100 cm).

Minimum clearance from the front and sides: 3 feet (90 cm).

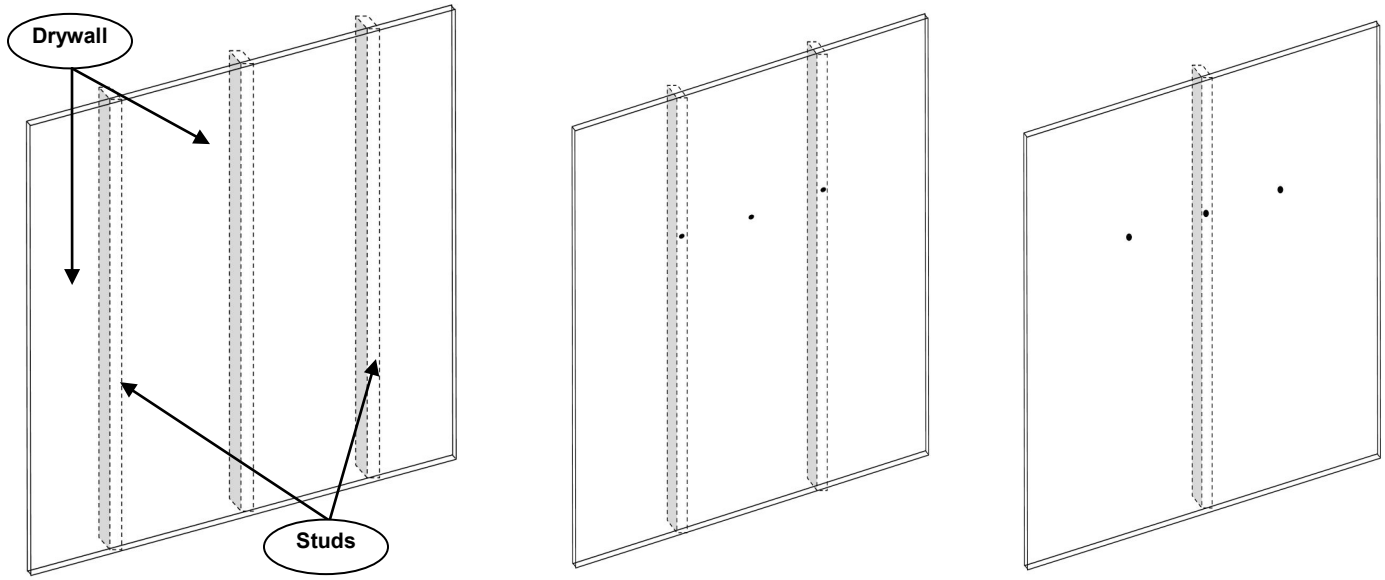
Choose a location near an outlet so an extension cord is not required.

DO NOT position the unit **directly below** a power outlet.

See **Safety Information** on **pages 2 and 3** for warnings about **safe placement, safe installation,** and **proper use** of this product.

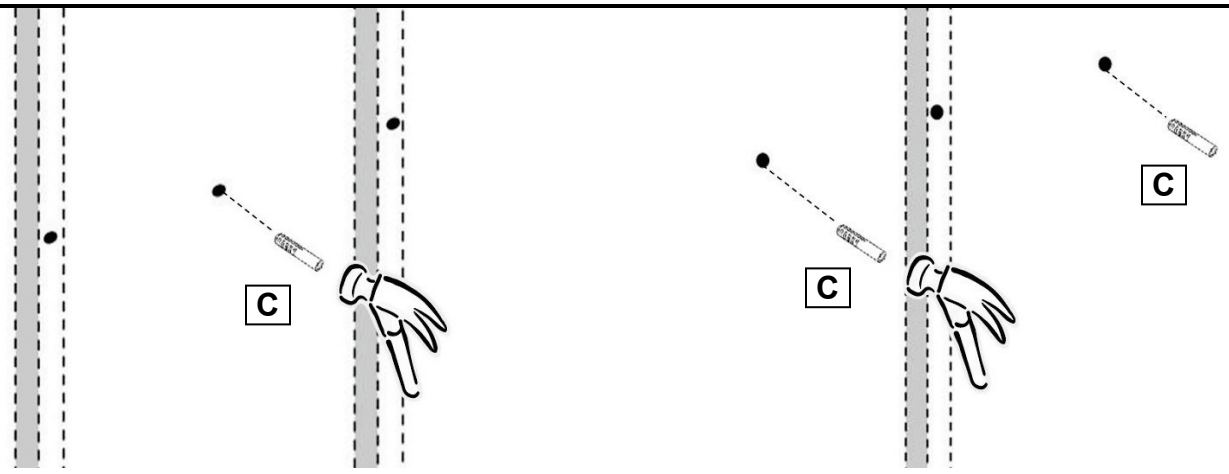
NOTICE	The wall mount fasteners included with this fireplace are for use ONLY with a wood-framed wall covered in drywall (sheet rock). For concrete walls, cinder blocks, or other wall types, consult a professional for the best attachment methods.

ALWAYS unplug this fireplace heater **before assembly** or **cleaning, or before relocating.** Failure to do so could result in **electric shock**, **fire**, or **personal injury**.

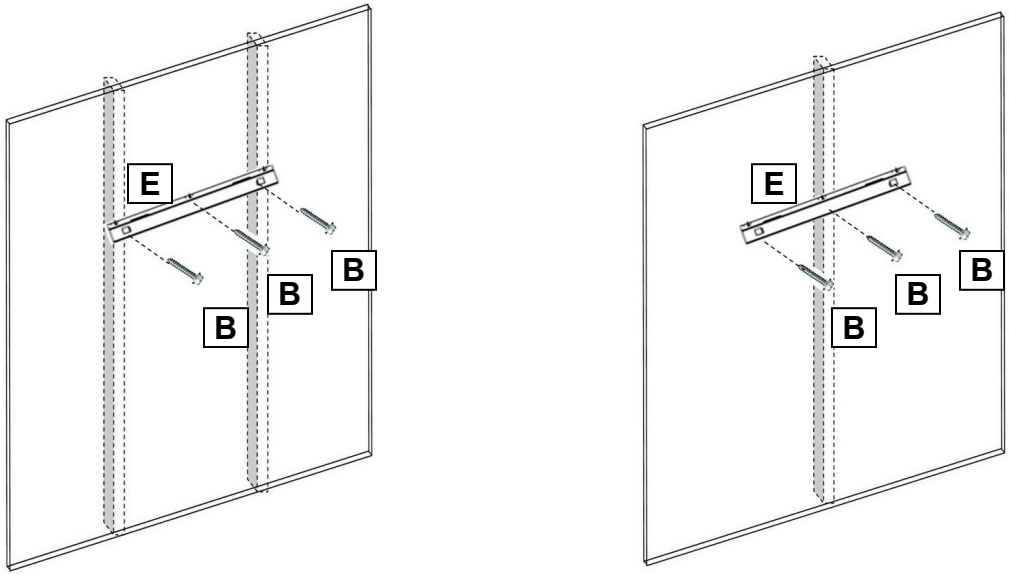


STEP 2. A. Locate the wall studs using an electronic stud-finder. B. The two outer screws should be screwed into a wall stud, and the center screw into a drywall anchor. C. **If only one stud is available, the center screw MUST be screwed directly into it**, and the two outer screws may be screwed into the drywall anchors. D. Mark the hole locations with a pencil. The holes should be 8" (20.3 cm) apart, and level. The minimum height from the surface below must be 75.2" (191 cm).

AVOID INJURY and DAMAGE! The center screw must be screwed **directly into a wall stud**. The two additional screws may **be screwed into the drywall anchors**.

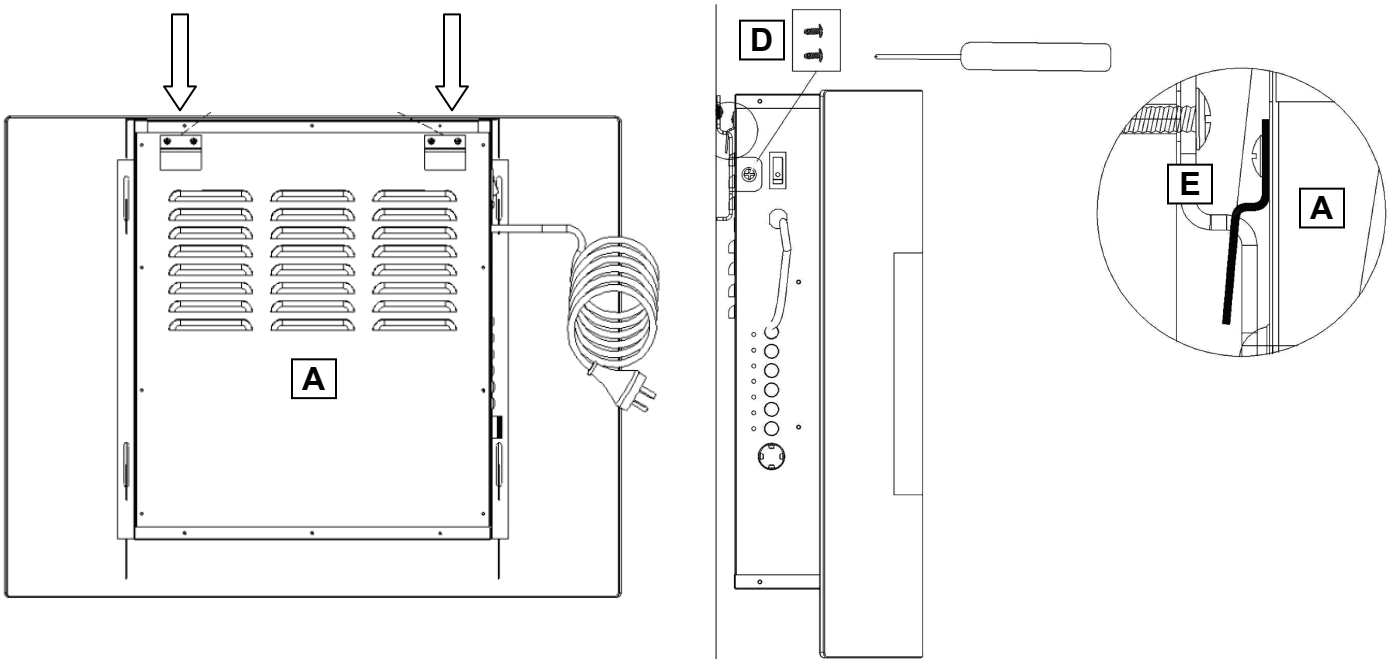


STEP 3. Drill a pilot hole into each mark using a 1/4" wood drill bit for the drywall anchors, and a 1/16" wood drill bit for the wall studs. With a hammer, tap the drywall anchor(s) (C) carefully into the hole(s) until they are flush with the drywall surface. Use care to avoid damaging the drywall with the hammer.



STEP 4. Align the holes in the wall bracket (E) with the pilot holes and drywall anchors. Thread three wood screws (B) through the holes in the wall bracket and directly into the wall studs and drywall anchor(s). Make sure the bracket is level. Tighten all screws securely with a screwdriver.

ALWAYS unplug this fireplace heater **before assembly** or **cleaning, or before relocating.** Failure to do so could result in **electric shock**, **fire**, or **personal injury**.



STEP 5. A. With the help of a capable adult, lift the fireplace and align the two hooks on the back of the fireplace with the slots on the wall bracket. Carefully set the hooks into the slots.

B. Secure the fireplace to the wall bracket with two M4x8 metal screws (D), one on each side. Thread the screws through the fireplace and into the wall bracket side tabs. Tighten both screws with a Phillips screwdriver. The unit may now be plugged in.

Operation

Read and understand this entire owner's manual, including **all safety information**, before **plugging in** or **using** this product. Failure to do so could result in **electric shock, fire, serious injury, or death.**

Power

Make sure the ON/OFF switch, located on the left side panel, is in the OFF position. Plug the power cord into a 110~120 Volt 15 Amp grounded outlet (see **IMPORTANT SAFETY INFORMATION** on **Pages 2 and 3**). Make sure the outlet is in good condition and that the plug is not loose. **NEVER** exceed the maximum amperage for the circuit. **DO NOT** plug other appliances into the same circuit.

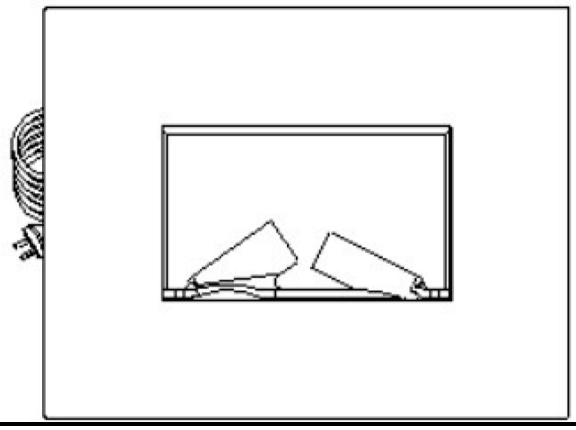
Methods of Operation

This electric fireplace can be operated by the CONTROL PANEL, located on the right side panel of the fireplace (see figure below), or by the battery-powered REMOTE CONTROL.

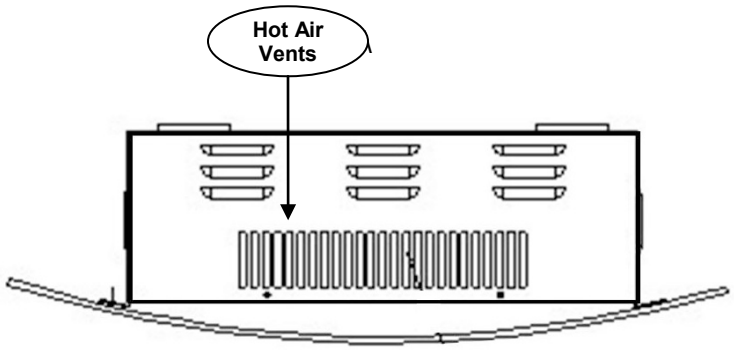
The operation and functions of the two methods are the same.

Before operating, please review the **IMPORTANT SAFETY INFORMATION** on **Pages 2 and 3,** and heed all warnings.

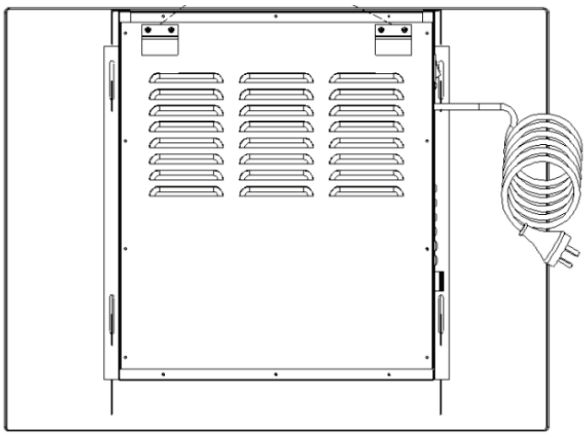
Front View



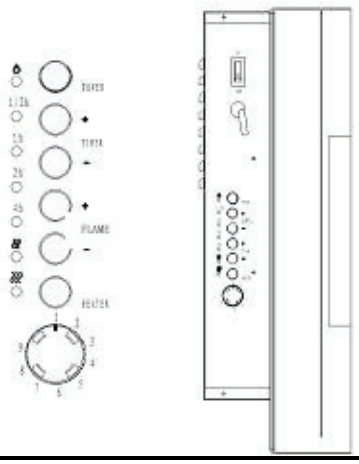
Top View



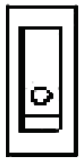
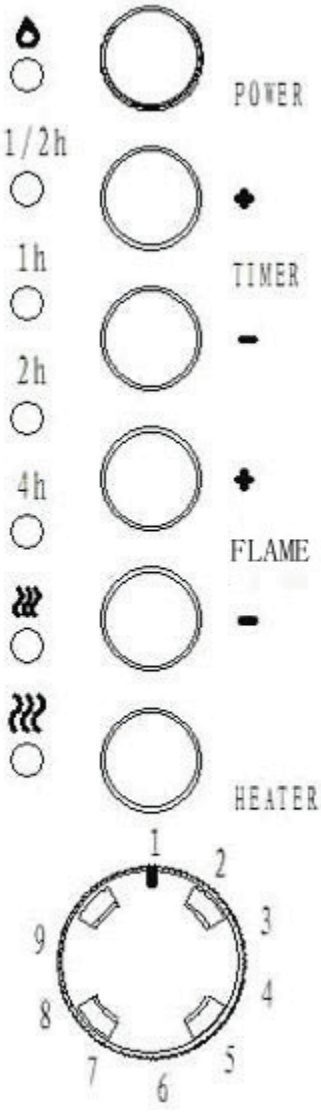
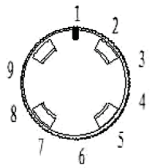
Rear View



Left Side View



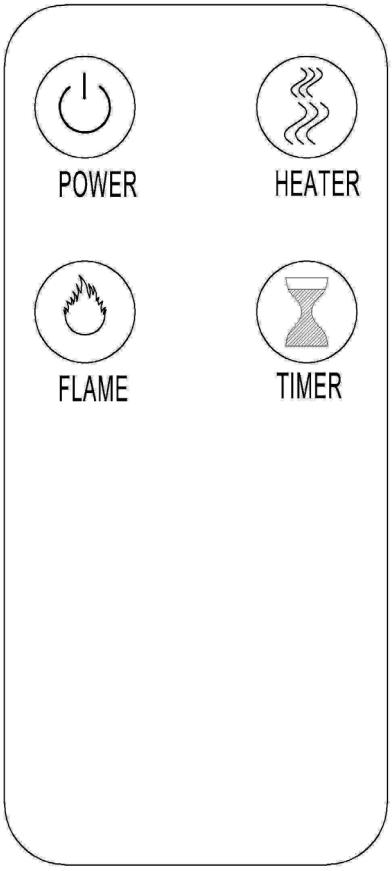
Control Panel Operation

BUTTON	ACTION and INDICATION	CONTROL PANEL
ON OFF	1. **Press ON (I)**. Power turns on. All functions are enabled. 2. **Press OFF (O)**. Power, flame effect, and all functions turn off.	
POWER	1. **Press once**. Flame effect and indicator turn on. 2. **Press again**. Power and all functions turn off.	
+ **TIMER** **-**	1. **Press +**. ½ h light turns on. Timer is set to ½ hour. 2. **Press again**. 1h light turns on. Timer is set to 1 hour. 3. **Press until desired setting is reached**. Timer setting increases by ½ hour up to 7½ h. Examples: **3** hours = **2h**+**1h**; **7½** hours = **4h**+**2h**+**1h**+**½h**. 4. **Press - .** Timer decreases by ½ hour until desired setting is reached, or until timer turns off.	
+ **FLAME** **-**	1. **Press +**. Flame effect gets brighter. Press again until desired setting is reached. 2. **Press -**. Flame effect gets dimmer. Press again until desired setting is reached.	
HEATER	1. **Press once**. Small indicator lights up. Fan blows cool air. 750W heater turns on and blows warm air. 2. **Press again**. Large indicator lights up. 1500W heater turns on and blows hot air. 3. **Press again.** Heaters turn off. The fan blows cool air to allow heater to cool down, then turns off.	
	**THERMOSTAT SETTING: Heater must be on for thermostat settings to work.** Turn the knob to set the temperature of the heater ranging from about 48°F (9°C) to about 93°F (34°C). Settings will vary with room size, insulation, etc. The thermostat will turn the heater on and off to maintain the set temperature.	

NOTICE	When the heater is first turned on, a slight odor may be present. This is normal and should not occur again unless the heater is not used for a long period of time.

NOTICE	To improve operation, **aim** the remote control at the front of the fireplace. **DO NOT press the buttons too quickly**. Give the unit time to respond to each command.

Remote Control (Control panel POWER switch must be ON to use remote control.)

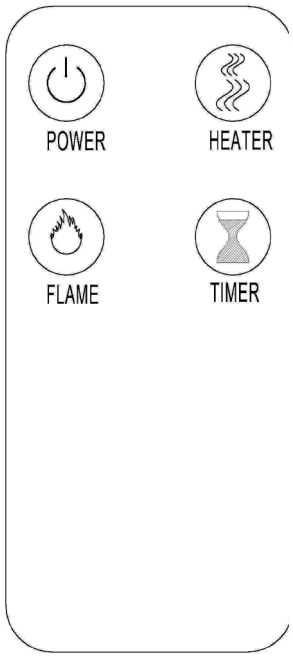
BUTTON	ACTION and INDICATION	REMOTE CONTROL
POWER	1. **Press once**. Flame effect turns on High and indicator light turns on. 2. **Press again**. Power and all functions turn off.	
HEATER	1. **Press once**. Small indicator lights up. Fan blows cool air. 750W heater turns on and blows warm air. 2. **Press again**. Large indicator lights up. 1500W heater turns on and blows hot air. 3. **Press again.** Heaters turn off. Fan blows cool air to allow heater to cool down, then turns off.	
FLAME	When the Power is turned on, the flame effect starts at High. 1. **Press once**. Flame effect changes from High to Low. 2. **Press again**. Flame effect changes from Low to Medium. 3. **Press again**. Flame effect changes from Medium to High.	
TIMER	1. **Press once**. ½ h light turns on. Timer is set to ½ hour. 2. **Press again**. 1h light turns on. Timer is set to 1 hour. 3. **Press until desired setting is reached**. Timer setting increases by ½ hour up to 7½ h. Examples: **3** hours = **2h+1h; 7½** hours = **4h+2h+1h+½h**. 4. **Press again.** Timer setting increases by ½ hour until desired setting is reached, or until timer turns off. 5. **Press again** to restart timer from **½h**.	

Temperature Limiting Control

This heater is equipped with a Temperature Limiting Control. Should the heater reach an unsafe temperature (212°F / 100°C), the heater will automatically turn OFF. To reset:

1. Unplug the power cord from the outlet.
2. Turn the ON/OFF switch on the CONTROL PANEL to OFF.
3. **Wait 5 minutes.**
4. Inspect the fireplace to make sure no vents are blocked, or clogged with dust or lint. If they are, use a vacuum to clean the vent areas.
5. With the POWER switch in the OFF position, plug the power cord back into the outlet.
6. If the problem continues, have your outlet and wiring inspected by a professional.

Remote Control Information



NOTE: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.
Modifications not approved by the party responsible for compliance could void user's authority to operate the equipment. This Class B digital apparatus complies with Canadian ICES-003.

Remote Control Battery Information

- This remote control uses one **CR-2250 battery** (included).
- Instructions for battery installation are on the Remote Control battery compartment.

NEVER dispose of batteries in **fire.** Failure to observe this precaution **may result in an explosion**. Dispose of batteries at your local hazardous material processing center.

Care and Maintenance

Cleaning

ALWAYS turn the heater **OFF** and **unplug the power cord from the outlet** before cleaning, performing maintenance, or moving this fireplace. Failure to do so could result in **electric shock, fire, or personal injury**.

NEVER immerse in water or **spray with water.** Doing so could result in **electric shock, fire, or personal injury.**

Metal:

- Buff using a soft cloth, slightly dampened with a citrus oil-based product.
- **DO NOT** use brass polish or household cleaners as these products will damage the metal trim.

Glass:

- Use a good quality glass cleaner sprayed onto the cloth or towel. Dry thoroughly with a paper towel or lint-free cloth.
- **NEVER** use abrasive cleansers, liquid sprays, or any cleaner that could scratch the surface.

Vents:

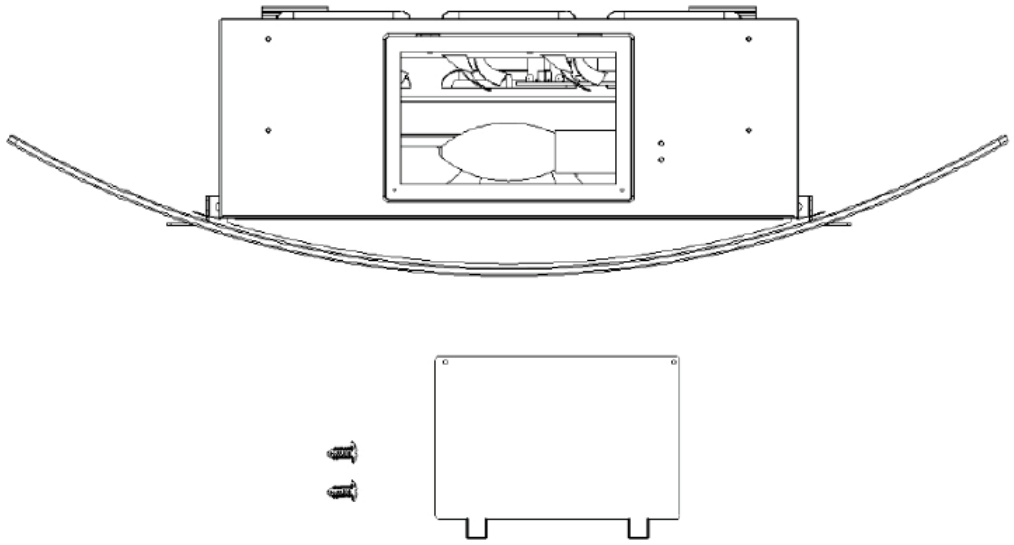
- Use a vacuum or duster to remove dust and dirt from the heater and vent areas.

Plastic:

- Wipe gently with a slightly damp cloth and a mild solution of dish soap and warm water.
- **NEVER** use abrasive cleansers, liquid sprays, or any cleaner that could scratch the surface.

Replacing the light bulb

ALWAYS turn the heater **OFF** and **unplug the power cord from the outlet** before changing the bulb. Failure to do so could result in **electric shock, or personal injury**.



1. Allow the fireplace to cool down before moving it. **2**. Lay the fireplace down on a soft surface. **3**. Unscrew the two bulb plate screws and remove the bulb plate. **4**. Carefully unscrew the light bulb and replace it with another 40W candelabra style light bulb of the same design. **5**. Replace the bulb plate and secure it in place with the two screws. Note: Do not over-tighten the screws.

WARNING! Other than replacing the light bulb, **NO SERVICING** of the internal or electrical parts should be performed by the consumer. Do not service the unit yourself.

Maintenance

Risk of electric shock! **DO NOT OPEN any panels other than the bulb replacement plate! No user-serviceable parts inside!**

ALWAYS turn the heater **OFF** and **unplug the power cord from the outlet** before cleaning, performing maintenance, or moving this fireplace. Failure to do so could result in **electric shock, fire, or personal injury**.

Electrical and Moving Parts:

- The fan motors are lubricated at the factory and will not require lubrication.
- Electrical components are integrated in the fireplace and are not serviceable by the consumer.

Storage:

- Store heater in a clean dry place when not in use.

Limited Warranty

Manufacturer warrants this product for replacement or repair of parts to the original purchaser for a period of 1 (one) year from the original date of purchase. The original dated sales receipt is required for all warranty claims.

This limited warranty does not cover replacement of glass or light bulbs, shipping costs, and normal wear and tear. The following will void this limited warranty: Damage caused from misuse, tampering with, or altering the product in any manner; Damage from being used in the wrong power source; Water damage; Damage caused from being used outdoors; Damage caused from being used for extended periods of time; This warranty is limited to non-commercial residential use only. Any commercial, public, or institutional use voids all warranties.

This product is **not** intended to be used as a primary heat source.

Read and understand all assembly and operating instructions, and all safety information and warnings before use.

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Thank you for purchasing this Electric Fireplace! If you need assistance with assembly, have questions about the safe use of this product, or have missing or defective parts…

PLEASE DO NOT RETURN THIS PRODUCT TO THE STORE

Instead, please e-mail us at

customerservice@vdgus.com

Or, call us toll-free (M-F 8:30 AM to 4:30 PM Central Standard Time) at

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